

# Purchase Order Receipt Listing

Wednesday, March 04, 2015 9:53:09 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO27581 All Receipt Dates All Line Item Types  
All Item ID/GL/WOs All Rec. Employees All Currencies  
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Rev Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MIRB Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO27581	1		M6061T6B0.500X10.000	f	3/6/2015	3/4/2015	24.0000	\$11.40	0.0000	0	\$273.53
CAD	No		6061-T6 Bar .500 x 10.00	f	24.0000	DCUSER		\$273.53	0.0000	0	
			m131700								
	2		M6061T6B0.750X01.500	f	3/6/2015	3/4/2015	24.0000	\$2.80	0.0000	0	\$67.10
	No		6061-T6 Bar .750 X 1.50	f	24.0000	DCUSER		\$67.10	0.0000	0	
			m131700								
	3		M6061T6B0.750X08.000	f	3/6/2015	3/4/2015	6.0000	\$17.64	0.0000	0	\$105.81
	No		6061-T6 BAR .750" X 8.00"	f	6.0000	DCUSER		\$105.81	0.0000	0	
			m131700								
	4		M6061T6B1.500X02.000	f	3/6/2015	3/4/2015	12.0000	\$6.72	0.0000	0	\$80.62
	No		6061-T6 Bar 1.50 x 2.00	f	12.0000	DCUSER		\$80.62	0.0000	0	
			m131700								
	5		M6061T6B4.500X4.500	f	3/6/2015	3/4/2015	4.0000	\$47.03	0.0000	0	\$188.11
	No		6061-T6 Aluminum Bar 4.500" X 4.500"	f	4.0000	DCUSER		\$188.11	0.0000	0	
			m131700								
	6		M6061T6R3.000	f	3/6/2015	3/4/2015	12.0000	\$17.00	0.0000	0	\$203.95
	No		6061-T6 RD BAR 3.000"	f	12.0000	DCUSER		\$203.95	0.0000	0	
			m131700								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Rev Date/ Rev Emp	Rev Qty (PO U/M)	Cost Per Unit/ Rev Value	Inspected Qty/ Rejected Qty (PO U/M)	MIRB Qty/ MRB Reject Qty	Book Amt
Vendor ID/Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO27581	7		M6061T6R3.250 f	f	3/6/2015 12.0000	3/4/2015 DCUSER	12.0000	\$19.12	0.0000	0	\$229.38
CAD	No		6061-T6 RD BAR 3.250" m131700	f	12.0000	DCUSER		\$229.38	0.0000	0	
	8		M6061T6T2.00W0.1 f	f	3/6/2015 40.0000	3/4/2015 DCUSER	40.0000	\$1.84	0.0000	0	\$73.58
	No		25 6061T6 RD TUBE 2.00 X.125W m131700	f	40.0000	DCUSER		\$73.58	0.0000	0	
	9		M304S18GA 304/316 .050 Sheet sf	sf	3/6/2015 256.0000	3/4/2015 DCUSER	256.0000	\$3.23	0.0000	0	\$825.71
	No		m131700	sf	256.0000	DCUSER		\$825.71	0.0000	0	
	10		M304S20GA 304/316 .040 Sheet sf	sf	3/6/2015 240.0000	3/4/2015 DCUSER	240.0000	\$2.66	0.0000	0	\$638.84
	No		m131700	sf	240.0000	DCUSER		\$638.84	0.0000	0	
	11		M6061T6R3.500 f	f	3/6/2015 6.0000	3/4/2015 DCUSER	6.0000	\$24.19	0.0000	0	\$145.16
	No		6061 RD bar 3.50 m131700	f	6.0000	DCUSER		\$145.16	0.0000	0	
	12		71500-11 Each	Each	3/6/2015 12.0000	3/4/2015 DCUSER	12.0000	\$2.00	0.0000	0	\$23.99
	No		303 ROUND BAR 0.250 m131700		12.0000	DCUSER		\$23.99	0.0000	0	
	13		71401-45		3/6/2015 1.0000	3/4/2015 DCUSER	1.0000	\$0.00	0.0000	0	\$0.00
	No		PROCUREMENT QUALITY CLAUSES m131700		1.0000	DCUSER		\$0.00	0.0000	0	

Total Received Quantity: 649.0000  
 Total Qty to Inspect (PO U/M): 0.0000  
 Total Reject Quantity: 0.0000  
 Total Receipt Value: \$2,855.79  
 Total Balance Due Quantity: 0.0000



## B I L L O F L A D I N G

No: PEC 921810

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 03Mar15 at 14:32 From PFW  
Probill  
Via VIM TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp CARMELA AGNIHOTRI (905-5321422)  
Sold To: ( 20115)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7

Ship To: ( 1)  
DART AEROSPACE  
1270 ABERDEEN ST  
HAWKESBURY, ON K6A 1K7  
Tel: 613-632-9577 Fax: 613-632-1053

## B I L L O F L A D I N G

1) Our Order PEC-775775- 1 Your PO # PO07581  
Part # 71500-11 Rel #

STAINLESS STEEL ROUND BAR 303 STAINLESS  
.250" DIA X 144.0000"

Heat Number  
35006

Tag No  
385942

Quantity  
12 FT

PCS  
1

Wt LBS  
1

2) Our Order PEC-775775- 2 Your PO # PO07581  
Part # M6061T6B0.500X10.000 Rel #

ALUMINUM FLT BAR ECONOPLT 6061-T6511  
.500" X 10.00" X 144.0000"

Heat Number  
201421646

Tag No  
385943

Quantity  
24 FT

PCS  
2

Wt LBS  
141

3) Our Order PEC-775775- 3 Your PO # PO07581  
Part # M6061T6B0.750X01.500 Rel #

ALUMINUM FLAT BAR 6061-T6511  
.750" X 1.50" X 144.0000"

Heat Number  
409091-3

Tag No  
385944

Quantity  
24 FT

PCS  
2

Wt LBS  
32

4) Our Order PEC-775775- 4 Your PO # PO07581  
Part # M6061T6B0.750X08.000 Rel #

ALUMINUM FLT BAR ECONOPLT 6061-T6511  
.750" X 8.00" X 72.0000"

Heat Number

Tag No

Quantity

PCS

Wt LBS

Page: 1 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



## B I L L O F L A D I N G

No: PEC 921810

Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship Date 03Mar15 at 14:32 From PFW  
Probill  
Via VIM TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp CARMELA AGNIHOTRI(905-5321422)  
Sold To: ( 20115)  
DART AEROSPACE

Ship To: ( 1)  
DART AEROSPACE

=====

B I L L O F L A D I N G					
201422391	386129	6 FT	1		42

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5) Our Order PEC-775775- 5 Your PO # PO07581  
Part # M6061T6B1.500X02.000 Rel #  
ALUMINUM FLAT BAR 6061-T6511  
1.50" x 2.00" X 144.0000"  
PER QQ-A-225/8 OR ASTM B211 OR ASTM B221  
Heat Number Tag No  
176797-5 385945

Quantity PCS Wt LBS  
12 FT 1 43

6) Our Order PEC-775775- 6 Your PO # PO07581  
Part # M6061TBB4.500X4.500 Rel #  
ALUMINUM SQUARE BAR 6061-T6511  
4.50" X 48.0000"  
PER QQ-A-225/8 OR ASTM B211 OR ASTM B221  
Heat Number Tag No  
Z00781004 386072

Quantity PCS Wt LBS  
4 FT 1 95

7) Our Order PEC-775775- 7 Your PO # PO07581  
Part # M6061T6R3.000 Rel #  
ALUMINUM ROUND BAR 6061-T6511  
3.00" DIA X 144.0000"  
PER QQ-A-225/8 OR ASTM B211 OR ASTM B221  
Heat Number Tag No  
176798-4 385946

Quantity PCS Wt LBS  
12 FT 1 100

8) Our Order PEC-775775- 8 Your PO # PO07581  
Part # M6061T6R3.250 Rel #  
ALUMINUM ROUND BAR 6061-T6511  
3.250" DIA X 144.0000"  
QQ-A-225/8 OR ASTM B211 OR ASTM B221  
Heat Number Tag No  
201424275 385947

Quantity PCS Wt LBS  
12 FT 1 118

Page: 2 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

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RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



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THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: ( 1 )  
DART AEROSPACE

B I L L O F L A D I N G  
No: PEC 921810  
Ship Date 03Mar15 at 14:32 From PFW  
Probill  
Via VIM TRANSFER TRUCK  
FOB CONCORD  
Frt PREPAID  
Route 0- 0 Manifest  
Vhcle Trailer  
Slp CARMELA AGNIHOTRI(905-5321422)  
Sold To: ( 20115 )  
DART AEROSPACE

B I L L O F L A D I N G

9) Our Order PEC-775775- 9 Your PO # PO07581  
Part # M6061T6T2.00W0.125 Rel #  
ALUMINUM TUBE 6061-T6511  
2.00" OD x .125" WALL X 240.0000"  
PER QQ-A-200/8 OR QQ-A-225/8 OR ASTM B241 OR  
ASTM B210

Heat Number Tag No  
468160 385964

Quantity PCS Wt LBS  
40 FT 2 34

10) Our Order PEC-775775- 10 Your PO # PO07581  
Part # M304S18GA Rel #  
STAINLESS STEEL SHEET 304-2B  
.0480 Nom X 48.0000" X 96.0000"  
PER ASTM A240 OR ASME S A240

Heat Number Tag No  
502488 386052

Quantity PCS Wt LBS  
256.00 SFT 8 491

11) Our Order PEC-775775- 11 Your PO # PO07581  
Part # M304S20GA Rel #  
STAINLESS STEEL SHEET 304-2B  
.0360 Nom X 48.0000" X 120.0000"

Heat Number Tag No  
A2400624 386055

Quantity PCS Wt LBS  
200.00 SFT 5 292

12) Our Order PEC-775775- 12 Your PO # PO07581  
Part # M6061T6R3.500 Rel #  
ALUMINUM ROUND BAR 6061-T6511  
3.50" DIA X 72.0000"  
PER QQ-A-225/8 OR ASTM B211 OR ASTM B221

Heat Number Tag No  
201424525 386110

Quantity PCS Wt LBS  
6 FT 1 68

TOTAL: Tags PCS Wt LBS  
12 26 1457

Page: 3 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

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REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



Ship From:  
THYSSENKRUPP MATERIALS NA  
2821 LANGSTAFF ROAD  
CONCORD, ONTARIO L4K 5C6  
Tel: 905 669 9444 Fax: 905-738-9033

Ship To: ( 1 )  
DART AEROSPACE

B I L L O F L A D I N G  
No: PEC 921810  
Ship Date 03Mar15 at 14:32 From PFW  
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Via VIM TRANSFER TRUCK  
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Route 0- 0 Manifest  
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Slp CARMELA AGNIHOTRI(905-5321422)  
Sold To: ( 20115 )  
DART AEROSPACE

=====

B I L L O F L A D I N G

Heat Number \*\*\* Chemical Analysis \*\*\*

176797-5  
176798-4  
201421646  
201422391  
201424275  
201424525  
35006  
409091-3  
468160  
502488  
A2400624  
Z00781004

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT  
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR  
TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*  
\*\* REFERENCED ON IT \*\*

TOTAL 3 BDLS, 3 SKIDS GW. 1632 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA  
CONCORD, ONT.\* \*\*\* 9:00 AM TO 4:00 PM \*\*\*

\*\*\*\* TEL. 800-926-2600 \*\*\*\*

\*\*\*\*\*  
\* WE STOCK STAINLESS STEEL \*

\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*

\*\*\*\*\*  
\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE  
ADDED TO EVERY ORDER.\*\*\*

Page: 4 .... Last

ALUMINIUM • LAITON • CUIVRE • PLASTIQUE • ACIER INOX  
ALUMINUM • BRASS • COPPER • PLASTICS • STAINLESS

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE  
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.  
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

DATE



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL ROUND BAR 303 STAINLESS  
.250" DIA X 144.0000"  
PART NO. 71500-11

PO/Rel PO07581

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-921810-001

3Mar15

Signed by: 

Pg 1/1

### VIRAJ PROFILES LIMITED

**VIRAJ**<sup>®</sup>

Regi & Mkt off: G-33 & 34, MIDC, Industrial Area, Tarapur, Thane (Dist), Maharashtra, INDIA - 401506, E-Mail: sales@viraj.com  
Works: SURVEY No- 114, 119 & 120, VILL. Mahagaon, Tal: Palgar, Dist: Thane-401501, MAHARASTRA, INDIA, vielqc@viraj.com

#### TEST CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
FIDELITY PAC METALS LTD. 1303 North Service Rd East, Unit 1, Oakville ON L6H 1A7 CANADA	P03176	51/980175/7	100004453896	31.10.2014
			GRADE T-303	HEAT No 35006

BUNDLE NO :  
1100251505,

#### DESCRIPTION

STAINLESS STEEL BRIGHT BARS

#### COLD DRAWN POLISHED - 2H

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1/4"	ROUND	ASTM A484	12' - 14'	547	1,102.000 LB

#### CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0470	1.950	0.460	0.3000	0.0330	17.420	8.070	0.490	0.280	0.150	0.03500

#### TEST RESULTS

0.2% yield strength ksi	Tensile Strength ksi	Elongation %	Reduction Of Area %	Hardness BHN	Grain Size NOS
98.0	114.0	37.0	57.0	230.0	7.0

#### SPECIFICATION:

MATERIAL CONFORMS TO DIN 10088-3:2005 COND-A & ASTM A 582/A582M-13 COND A, ASTM A 388-05, ASTM A 484-10 AMS 5640R TYPE I, EXCEPT MARKING, QQS-764BA2 COND A. EXCEPT MARKING, UNS-S-30300, ASTM A314-2008, ASTM A320/A320M-11a B8F CLASS 1, ASME SA 320 B8F CL1 MIL-S-862 B GRADE AISI 303 & WNR 1.4305.  
CERTIFIED AS PER EN 10204-3.1

#### REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, FREE FROM WELD OR WELD REPAIRS, MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK ON GRAIN BOUNDARIES. MACRO: GOOD, MINIMUM SOLUTION ANNEALING TEMPERATURE 1050C, SOAKING TIME 1/2 HRS, WATER QUENCHED. MELT SOURCE: AOD. WE CONFIRM THAT THE MATERIAL HAS BEEN TESTED AND FOUND TO BE FREE FROM RADIOACTIVE CONTAMINATION. COUNTRY OF ORIGIN: INDIA.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

  
WORKS INSPECTOR  
K R K MURTHY



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511

.750" X 1.50" X 144.0000"

PART NO. M6061T6B0.750X01.500

PO/Rel P007581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-921810-003

3Mar15

Signed by: 

Pg 1/1

### CAN ART

ALUMINUM EXTRUSION INC.

## Material Test Report

Ship To: ThyssenKrupp Materials NA  
2821 Langstaff Road  
Concord, ON L4K 5C6

Manifest: **286833**

Ticket:  
5393139

Our Order: **409091 - 3** Cust P.O.: 262352  
Die: ES05726 Part: 05726-000-144  
Alloy Temper: **6061 T6511** Description: **.750 x 1.500**  
Print Date: 11/6/14

*ent 15/03/06*

### Chemical Composition Range

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	OtherEach	OtherTotal
Min	0.40		0.15		0.8	0.04				
Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15

### Mechanical Properties

Strength ksi

Sample ID	Cast #	Lot #	Test Date	Ultimate Tensile	Yield 2% offset	Elongation 2" gage length
403521	14100441A	A11	11/4/14	40.12	36.97	10.8


Applicable Specifications: **ASTMB221-13** QQA200/8

Country of Origin: 85 Parkshore Drive, Brampton, Ontario CANADA L6T 5M1

Can Art Aluminum Extrusion Inc. certifies that materials shipped under this order have been inspected and tested in accordance with Aluminum Association and agreed upon customer specifications. Can Art assumes no liability for additional costs which may be incurred during the customer's manufacture and sale of its products, and is subject only to the replacement of any materials not within agreed upon specifications provided written notification is received by Can Art within 30 days from the date of shipment.

Ray Hussain - Tensile Testing

Authorized:

  
Evan Eng, Quality Assurance Mgr.



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM PLAT BAR 6061-T6511  
1.50" x 2.00" x 144.0000"  
PART NO. M6061T6B1.500X02.000

PO/Ref: R007581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by: 

BL PEC-921810-005

3Mar15  
Pg 1/1

## Certificate of Mill Test Results



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

### MILL TEST

BILL TO THYSSENKRUPP MATERIALS NA	CERT CODE: 1	DIE NUMBER S	DATE OF SHIPMENT Jan/20/2015	EXTRUDEX ORDER NO. 176797 - 5	MANIFEST NO. 321553
SHIP TO THYSSENKRUPP MATERIALS NA	CUSTOMER PO PEC-263906	ALLOY 6061	TEMPER T6511	MADE IN CANADA	
SO DESCRIPTION 1.5"x2" FB	CUSTOMER PART NUMBER 4659-S	PART DESCRIPTION 1.5"x2" FB	CERTIFICATION MILL TEST ASTM B221-13		

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell F	Conductivity
A.11	6061	Jan/19/2015	50.10	45.30	16.20	92.3, 92.8, 91.9	

### Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11 27077 6061	0.57	0.229	0.189	0.065	0.82	0.04	0	0.012	0.014	0	0	0	0	0	0	0	0	0	Remainder	0.005

*Ref 1503100*

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.



David Natale  
Quality Control Manager

1 - CUSTOMER COPY



PO/Rel PO07581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-921810-007

3Mar15  
Pg 1/1

# Certificate of Mill Test Results



**EXTRUDEX**  
ALUMINUM

TEL: (416) 745-4444 FAX: (416) 745-0925 1-800-668-7210  
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4  
<http://www.extrudex.com>

## MILL TEST

BILL TO	CERT CODE:		DIE NUMBER		DATE OF SHIPMENT	
THYSSENKRUPP MATERIALS NA	1	0.92	S	4665	Jan/15/2015	
SHIP TO	CUSTOMER PO		ALLOY	TEMPER	SALESMAN	
THYSSENKRUPP MATERIALS NA	PEC-263942		6061	T6511	FORBES DODWELL	
SO DESCRIPTION	CUSTOMER PART NUMBER		PART DESCRIPTION			
3" DIA	4665-S		3" DIA			
					EXTRUDEX ORDER NO. <b>176798 - 4</b> MANIFEST NO. <b>321370</b>	
					<b>MADE IN CANADA</b> CERTIFICATION MILL TEST ASTM B221-13	

### Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	Jan/13/2015	53.80	50.00	14.90	92.2, 92.5, 92.0	

### Chemical Composition

	Cast Number	Si	Eg	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sb	Sn	Co	Al	Other
A.11	C7331688	6061	0.6	0.17	0.19	0.02	0.86	0.06	0	0.01	0.02	0	0	0	0	0	0	0	0	Remainder	0.020

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

Ans 15/03/06

*[Handwritten signature]*

**David Natale**  
Quality Control Manager

1 - CUSTOMER COPY



# THYSSENKRUPP MATERIALS NA

DART-AEROSPACE

ALUMINUM TUBE 6061-T6511  
200" OD x .125" WALL X 240.0000"  
PART NO. M6061T6T2.00W0.125

PO/Rel/PO07581

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-921810-009

3Mar15

Signed by: \_\_\_\_\_

Pg 1/1



**LB ALUMINIUM BERHAD**  
(138535-V)

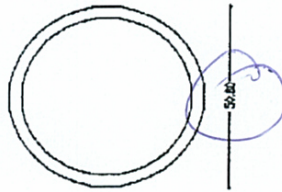


ALUMINIUM EXTRUSION

### TEST CERTIFICATE

CUSTOMER : THYSSENKRUPP MATERIALS NA	SECTION NO. : PE02418MF06100	DATE : Nov-06-2014
SALES ORDER NO : 1476624	WORK ORDER : 468160	ALLOY : 6061-T6511
PRESS NO. : 2000	EXTRUSION DATE : Oct-28-2014	CERTIFICATE NO. : MCERT1412068
CUSTOMER PO NO. : PEC-262224		

Section Sketch :



Thickness = 3.18 mm

#### CHEMICAL COMPOSITION

Composition	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Analysis Ref.-
Min	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00		
Max	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	Remainder	75221
Actual	0.625	0.213	0.229	0.031	0.949	0.046	0.013	0.010		Oct-24-2014

#### MECHANICAL PROPERTIES ( Result shown is tested by L.BALUM )

	Tensile Strength N/mm <sup>2</sup>	Yield Stress N/mm <sup>2</sup>	Elongation ( % )
Standard	260	240	6
Result	276.57	248.71	15.40

Compliance with ASTM B221M-07

We hereby certify that the material covered by this report has been verified or tested according to the seller standard sampling method or the requirements of any specifications or requirements described herein, and that sample representative of the material met the composition limits and had the mechanical properties shown. Also, note that mercury is not a normal contaminant in aluminium alloys. Neither mercury nor any of its compounds are used in the manufacture of our extrusions. This certificate conforms to 3.1, EN 10204.

\*\* This certificate of Analysis has been produced electronically and is valid without signature \*\*

Lot 11, Jalan Perusahaan 1, Kawasan Perusahaan Beranang, 43700 Beranang, Selangor Darul Ehsan, Malaysia.

Tel: 603-8723 8822 (15 Lines) Fax: 603-8723 3191 (General), 8723 7272 (Sales), 8727 1218 (Export)

Enquiry@lbalum.com.my www.lbalum.com



# THYSSENKRUPP MATERIALS NA

PO Ref: P007381

Certificate of Mill Test Results

ALUMINUM TEST BAR ECONOPLT 6061-T6511  
500" X 10.00" X 14.0000"  
PART NO. M6061T6B0.500X10.000

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-921810-002

3Mar15  
Pg 1/1



Can Do.

**Service Center Metals**  
5850 Quality Way  
Prince George, VA 23875

## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
218485	1

BILL TO	MANIFEST NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	243358	11/10/2014	ASTM-B221-13 Stencil/Cont
SHIP TO	CUSTOMER PO	SALES PERSON	SPECIFICATION
ThyssenKrupp Materials NA, Toronto	PEC-262603	David Schroeder	AMS-QQA-200/8 - 1997
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION	
1,411 lbs 20 pcs	PL0734	PL 500 X 10.00	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

### Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201420832	10/23/14	min 44.60 max 44.60	min 42.00 max 42.00	min 12.75 max 12.75
2	201421646	11/5/14	min 44.50 max 44.60	min 41.10 max 41.30	min 17.00 max 18.50

### Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others	Melt Source:
2M141013D-0206	6061	0.64	0.31	0.23	0.04	0.89	0.07	0.03	0.02	97.78	0.05	United States of America
C67R0717	6061	0.64	0.14	0.18	0.01	0.85	0.05	0.01	0.01	98.11	0.05	United States of America
C67R0720	6061	0.63	0.15	0.19	0.01	0.87	0.06	0.01	0.01	98.07	0.05	United States of America

Print Date: 11/10/2014



# THYSSENKRUPP MATERIALS NA

PO/Ref: P007581

Certificate of Mill Test Results

ALUMINUM FLT BAR ECONOPLT 6061-T6511  
7.50" X 8.00" X 72.0000"  
PART NO. M6061T6B0.750X08.000

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-921810-004

3Mar15  
Pg 1/1



Can Do.

**Service Center Metals**  
5850 Quality Way  
Prince George, VA 23875

## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
219787	6

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	245241	PL0183	12/11/2014	ASTM-B221-13 StencilCont
SHIP TO	CUSTOMER PO	ALLOY/TEMPER	SALESPERSON	SPECIFICATION
ThyssenKrupp Materials NA, Toronto	PEC-262961	6061-T6511	David Schroeder	AMS-QQA-200/8 - 1997
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION		
1,185 lbs	PL0183	PL 750X8.000		

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

### Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
	201422391	11/21/14	min 48.00 max 48.00	min 44.80 max 44.80	min 11.50 max 11.50

OK 15/03/06

### Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Total	Others	Melt Source:
11121405	6061	0.74	0.34	0.35	0.11	0.87	0.08	0.06	0.02	97.42	0.05	0.15		United States of America

Print Date: 12/11/2014



# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM SQUARE BAR 6061-T6511

4.50" X 48.0000"

PART NO. M6061TBB4.500X4.500

PO/Ref PO07581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-921810-006

3Mar15

Signed by: *h*

Pg 1/1

**KAISER**  
**ALUMINUM**  
**FABRICATED PRODUCTS**

KAISER ALUMINUM  
FABRICATED PRODUCTS, LLC  
5205 KAISER DRIVE  
KALAMAZOO, MI 49048

*Best in Class*

## CERTIFIED TEST REPORT

<http://Online.KaiserAluminum.com>

CUSTOMER PO NUMBER: PEC-260923-1		CUSTOMER PART NUMBER: 328/STK		PRODUCT DESCRIPTION: 4.500 SC SQ BAR	
KAISER ORDER NUMBER: 672628	LINE ITEM: 001	SHIP DATE: 08/29/2014	KAISER LOT NUMBER: Z00781004	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 1143.000 LB	QUANTITY: 4.000 PCS	B/L NUMBER: 609784	DIAM/DAF/THKNS: 	WIDTH: 	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			SOLD TO: THYSSENKRUPP CANADA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA <i>15/03/16</i>		

### Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00781004	0001	1	50.6	46.8	17.2	RE 91	N/A	N/A

### Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.30	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
103815	.75	.27	.28	.08	.94	.03	.02	.02	.00	.00	.00	.01	.03

### Applicable Requirements:

ASTM-B221-13 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97 (REAF 2012) UNS#A96061  
(T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILIZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Aimee L. Macnowski, Quality & Technology Manager

*Aimee L. Macnowski*

Plant Serial: 00146802  
Kaiser Order Number: 672628  
Line Item: 001



# THYSSENKRUPP MATERIALS NA

**DART AEROSPACE**

ALUMINUM ROUND BAR 6061-T6S11  
3.250" DIA X 144.0000"  
PART NO. M6061T6R3.250

P.O./Ref: P007581

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-921810-008

3Mar15  
Pg 1/1



Can Do.

**Service Center Metals**  
5850 Quality Way  
Prince George, VA 23875

## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
222044	4

BILL TO	MANIFEST NUMBER	ONE NUMBER	DATE OF SHIPMENT
ThyssenKrupp Materials NA	247431	RD00024	1/5/2015
SHIP TO	CUSTOMER PO	ALLOY / TEMPER	SALSPERSON
ThyssenKrupp Materials NA, Toronto	PEC-263620	6061-T6S11	David Schroeder
Quantity Certified	CUSTOMER PART NUMBER	DESCRIPTION	
1,639 lbs 14 pcs	RD00024	Lightning Rod Title 3.250 +/- .008	

CERTIFICATION
ASTM-B221-13 StencilCont
SPECIFICATION
AMS-QQA-200/8 - 1997

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA.

Items produced and certified as 6061-T6S11 also meet the requirements of 6061-T6

### Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
1	201424275	12/17/14	min 51.40 max 51.40	min 48.50 max 48.50	min 17.80 max 17.80

AR 15/03/06

### Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Others Each	Total	Melt Source:
1M141211C	6061	0.74	0.40	0.34	0.10	0.90	0.11	0.06	0.03	97.33	0.05	0.15	United States of America

Print Date: 1/5/2015



# THYSSENKRUPP MATERIALS NA

PO/Rd P007581

Certificate of Mill Test Results

ALUMINUM ROUND BAR 6061-T6511  
3.50" DIA X 72.000"  
PART NO. M6061T6K3.500

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

BL PEC-921810-012

3Mar15  
Pg 1/1



Can Do.

**Service Center Metals**  
5850 Quality Way  
Prince George, VA 23875

## CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
222044	5

BILL TO	MANIFEST NUMBER	ONE NUMBER	DATE OF SHIPMENT	CERTIFICATION
ThyssenKrupp Materials NA	247431	RD0026	1/5/2015	ASTM-B221-13 Stencil Cont
SHIP TO	CUSTOMER PO	ALLOY/TEMPER	SALES PERSON	SPECIFICATION
ThyssenKrupp Materials NA, Toronto	PEC-263620	6061-T6511	David Schroeder	AMS-QQA-2008 - 1997
Quantity Certified	1,829 lbs	CUSTOMER PART NUMBER	DESCRIPTION	
	12 pcs	RD0026	Lightning Rod Title 3.500 +/- .012	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown.

Items produced and certified as 6061-T6511 also meet the requirements of 6061-T6

### Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
	2 201424525	12/18/14	min 54.50 max 58.00	min 52.30 max 55.50	min 14.60 max 15.25

OK 1/3/03/06

### Chemical Composition for Aluminum Alloy 6061

Cast Number	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al	Each	Others	Total	Melt Source:
1K141215A	6061	0.74	0.38	0.32	0.10	0.88	0.10	0.07	0.03	97.38	0.05	0.15	United States of America	
1K141215C	6061	0.75	0.37	0.33	0.10	0.90	0.10	0.07	0.03	97.37	0.05	0.15	United States of America	
1M141215A	6061	0.74	0.38	0.32	0.10	0.88	0.10	0.07	0.03	97.38	0.05	0.15	United States of America	

Print Date: 1/5/2015



# THYSSENKRUPP MATERIALS NA


DART AEROSPACE  
STAINLESS STEEL SHEET 304-2B  
.0480 Nom X 48.0000" X 96.0000"  
PART NO. M304S18GA

PO/Rel PO07581  
We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results


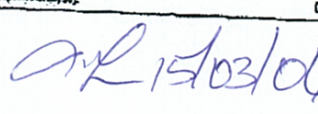
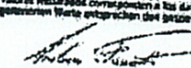
BL PEC-921810-010

3Mar15

Signed by: 

Pg 1/1

Attn:

<b>Manufacturer / Fabricante / Herstellerwerk</b> 		<b>Type of document / Tipo de documento / Art der Prüfbescheinigung</b> <b>INSPECTION CERTIFICATE</b> CERTIFICADO DE INSPECCION ABNAHMEPRÜFZEUGNIS according to / de acuerdo con / nach EN 10204-3.1		<b>Document number / N° de certificado / Bescheinigungs-Nr.</b> <b>0000084301 / 1</b> <b>Page / Pagina / Seite</b> <b>1 / 1</b>																					
<b>1 ThyssenKrupp Drive; P.O. Box 13000; Calvert, AL 36513-1300</b>  <b>OLBERT METAL SALES LIMITED</b> <b>989 DERRY ROAD EAST SUITE 305</b> <b>MISSISSAUGA ON L5T 2J8</b> <b>CANADA</b>		<b>Customer/Ship to / Cliente / Besteller/Empfänger</b> <b>OLBERT METAL SALES LIMITED, MISSISSAUGA</b> <b>Customer's order number / N° de Pedido Cliente / Kundenbestell-Nr.</b> <b>TO-1945</b> <b>Manufacturer's works order no. / N° de Pedido Manufactura / Werkauftrag-Nr.</b> <b>901165625 / 004</b> <b>Delivery note no. / N° de Entrega / Lieferschein-Nr.</b> <b>85286245 / 020</b> <b>Product / Producto / Erzeugnis</b> <b>SHEET/HOJAS/BLECH</b> <b>Steel grade and quality / Acero / Stahlsorte und Gütegruppe</b> <b>TYPE 304L/304</b>																							
<b>Terms of delivery / Condiciones de entrega / Lieferbedingungen</b> <b>ASTM A240/240M, ASME SA-240 Sec.II Part A Ed. 2013</b> <b>ASTM A480/480M, ASME SA-480 Sec.II Part A Ed. 2013</b>		<b>Options/Options noted on / N° de material del cliente / Kundenmaterial-Nr.</b> <b>Product dimensions (Thickness / Width / Length) /</b> <b>Dimensiones (Espesor / Ancho / Longitud) /</b> <b>Más de tres dimensiones (Diámetro / Grosor / Longitud)</b> <b>1.22 mm x 1,219.20 mm x 2,438.40 mm</b> <b>0.0480 inch x 48.0000 inch x 96.0000 inch</b> <b>Sheltering procedure /</b> <b>Procedimiento de almacenamiento /</b> <b>Verfahren</b> <b>ADD</b> <b>File /</b> <b>Archivo /</b> <b>Mapa /</b> <b>2B</b>																							
<b>Packing-No. /</b> <b>N° de Empaque /</b> <b>Palet-Nr.</b> 6122008 6122009 6122026		<b>Weight (Gross) /</b> <b>Peso Bruto /</b> <b>Gesamtgewicht</b> 54 54 54		<b>Actual weight /</b> <b>Peso neto /</b> <b>Nettogewicht</b> 3,276 lb / 1,486 kg 3,260 lb / 1,483 kg 3,265 lb / 1,481 kg																					
<b>Serial /</b> <b>Serie /</b> <b>Reihe</b> 162		<b>Chemical composition /</b> <b>Composición Química /</b> <b>Chemische Zusammensetzung</b> <table border="1"> <thead> <tr> <th>% C</th> <th>% Si</th> <th>% Mn</th> <th>% P</th> <th>% S</th> <th>% Cr</th> <th>% Mo</th> <th>% Ni</th> <th>% N</th> <th>% Cu</th> </tr> </thead> <tbody> <tr> <td>0.024</td> <td>0.42</td> <td>1.65</td> <td>0.025</td> <td>0.0030</td> <td>18.08</td> <td>0.23</td> <td>8.03</td> <td>0.082</td> <td>0.28</td> </tr> </tbody> </table>		% C	% Si	% Mn	% P	% S	% Cr	% Mo	% Ni	% N	% Cu	0.024	0.42	1.65	0.025	0.0030	18.08	0.23	8.03	0.082	0.28	<b>Sample ID /</b> <b>N° de material /</b> <b>Proben-Nr.</b> 502488 502488 502488	
% C	% Si	% Mn	% P	% S	% Cr	% Mo	% Ni	% N	% Cu																
0.024	0.42	1.65	0.025	0.0030	18.08	0.23	8.03	0.082	0.28																
<b>Heat /</b> <b>Caja /</b> <b>Schmelze</b> 502488		<b>Country of heat /</b> <b>País de origen /</b> <b>Erzeugnisland</b> USA		<b>Sample ID /</b> <b>N° de material /</b> <b>Proben-Nr.</b> 1000180953 1000180953 1000180953																					
<b>Sample Position /</b> <b>Localización de la muestra /</b> <b>Probenlage</b> TRANSVERSE		<b>Inspection test /</b> <b>Ensayo de inspección /</b> <b>Prüfung</b> <table border="1"> <thead> <tr> <th>Y80.2%</th> <th>TS</th> <th>EL A2"</th> <th>HRB</th> </tr> </thead> <tbody> <tr> <td>44,235 / 306</td> <td>96,011 / 662</td> <td>59.6</td> <td>83</td> </tr> <tr> <td>41,479 / 286</td> <td>95,856 / 661</td> <td>57.1</td> <td>83</td> </tr> </tbody> </table>				Y80.2%	TS	EL A2"	HRB	44,235 / 306	96,011 / 662	59.6	83	41,479 / 286	95,856 / 661	57.1	83								
Y80.2%	TS	EL A2"	HRB																						
44,235 / 306	96,011 / 662	59.6	83																						
41,479 / 286	95,856 / 661	57.1	83																						
<b>Dimensions-surface /</b> <b>Dimensiones-Superficie /</b> <b>Maße-Oberfläche</b> <b>Test of identity (spectroscopy analysis) /</b> <b>Control de identidad (análisis espectroscópico) /</b> <b>Identifizierungsprüfung (Spektralanalyse):</b> HEAT - TREATMENT :1920°F/AIR No welding or weld repairs were performed on this material No intentional additions of Mercury compounds were made or used Free of radioactive contamination EU RoHS Directive 2011/65/EU Compliant Product manufactured in the USA Country of Heat as per ISO 5168-1		OK OK 																							
<b>Originator of the document /</b> <b>Originador del documento /</b> <b>Aussteller der Bescheinigung</b> <b>Outokumpu Stainless USA, LLC</b> <b>An ISO 9001:2008 certified company</b> <b>Certificate is generated automatically /</b> <b>Certificado es generado automáticamente /</b> <b>Das Zeugnis wurde elektronisch erstellt</b>		<b>The information provided is a true copy of data on file /</b> <b>Los valores proporcionados corresponden a los datos archivados /</b> <b>Die gemessenen Werte entsprechen den protokollierten Daten</b>  <b>Andrew Faucett</b> <b>Phone: +1 251 829 3492</b> <b>Name of expert /</b> <b>Nombre del experto /</b> <b>Name des Sachverständigen</b>		<b>Date of issue and validation /</b> <b>Fecha de emisión y validación /</b> <b>Datum Ausstellung /</b> <b>Bestätigung</b> 04/21/2014																					



# THYSSENKRUPP MATERIALS NA

PO/REL P007581

STAINLESS STEEL SHEET 304-2B  
0.360 Nom X 48.0000" X 120.0000"  
PART NO. M304S20CA

We certify that this is a true copy of the report  
furnished by the producer of the metal, or data  
resulting from tests made in approved labs.

## Certificate of Mill Test Results

BL PEC-921810-011

3Mar15  
Pg 1/1

### 产品 质量 证明书 MATERIAL TEST CERTIFICATE

无锡宝昌金属制品有限公司  
Wuxi Baichang Metal Products Co. Ltd

Page 1 of 2

订单号: EX1312506S

品名: COLD ROLLED STAINLESS  
Commodity: STEEL SHEETS

牌号:

304

EX1312506

订单方: GLOBAL STAINLESS STEEL INC.  
Order  
CONSIGNEE

标准: EN10088-2/ASTM A240/A240M  
Specification

表面加工: Surface Finish

发票号: 2014/7/21  
Invoice No.  
BACK PASS Date

产 品 尺 寸											拉伸试验			化 学 成 分						
序号 No.	货物编号 Product No.	Product Size			数量 Number	重量 Weight Kg	Tensile Test			表面 硬度 HRB	炉批号 HEAT NO.	Chemical Composition (%)								
		厚度 Thickness MM	宽度 Width MM	长度 Length MM			屈服强度 0.2% YS N/mm <sup>2</sup>	抗拉强度 TS N/mm <sup>2</sup>	延伸率 EL %			C	Si	Mn	P	S	Ni	Cr	N	
1	140721001	0.48260	1219.2	2438.4	76	889	250	665	56.0	86.5	A0400848	0.0500	0.460	1.1200	0.0400	0.0010	8.0000	18.010	0.0490	
2	140721002	0.76200	1219.2	2438.4	89	1638	268	650	55.0	82	C2401791	0.0500	0.460	1.0900	0.0380	0.0010	8.0000	18.120	0.0500	
3	140721003	0.91440	1219.2	2438.4	65	1369	263	670	52.0	84	A2400624	0.0500	0.480	1.2600	0.0370	0.0010	8.0200	18.330	0.0400	
4	140721004	1.21920	1219.2	2438.4	48	1324	261	665	58.0	84.5	A2400888	0.0400	0.500	1.1900	0.0370	0.0010	8.0100	18.040	0.0400	
5	140721005	1.21920	1219.2	3048.0	40	1386	261	665	58.0	84.5	A2400888	0.0400	0.500	1.1900	0.0370	0.0010	8.0100	18.040	0.0400	
6	140721006	1.52400	1219.2	2438.4	64	2214	261	665	55.0	85	A0400849	0.0500	0.450	1.0900	0.0350	0.0010	8.0200	18.120	0.0400	
7	140721007	3.04800	1219.2	2438.4	14	974	278	665	50.0	82.5	A1304650	0.0400	0.450	1.1100	0.0360	0.0010	8.0400	18.060	0.0500	
备 注 (Remarks) :											技 术 部 部									
1. 尺寸和表面: 合格											TECHNICAL DEPT.									
Size and Surface : Guaranteed																				
兹证明所列产品均符合订单和标准的制造要求																				
WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE IN ACCORDANCE WITH THE ORDER AND SPECIFICATION *此报告仅可完全复制 *The report can only be copied completely											无锡宝昌金属制品有限公司 WUXI BAOCANG METAL PRODUCTS CO., LTD									

备注 (Remarks):  
1. 尺寸和表面: 合格  
Size and Surface: Guaranteed

兹证明所列产品均符合订单和标准的制造要求  
WE HEREBY CERTIFY THAT THE MATERIAL HEREIN  
HAS BEEN MADE IN ACCORDANCE WITH THE ORDER AND  
SPECIFICATION  
\*此报告仅可完全复制  
\*The report can only be copied completely

技术本部  
TECHNICAL DEPT.  
无锡宝昌金属制品有限公司  
WUXI BAICHANG METAL PRODUCTS CO. LTD



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6  
DATE: 15/03/06

PO / BATCH NO.: 27581 / 4131700

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 24'  
QUANTITY INSPECTED: 24'  
QUANTITY REJECTED: 0'

THICKNESS ORDERED: .500X 10.00  
THICKNESS RECEIVED: .500X 10.00  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 46061-T6  
DATE: 15/03/06

PO / BATCH NO.: 27581 / 4131700

MATERIAL CERT REC'D: ye  
QUANTITY RECEIVED: 24'  
QUANTITY INSPECTED: 24'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: .750 X 1.50  
THICKNESS RECEIVED: .750 X 1.50  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>N</u>	
CORRECT FINISH	<u>Y</u>	N	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	N	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT THICKNESS	<u>Y</u>	N	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT REF # TO LINK CERT	<u>Y</u>	N	
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	N	
CORRECT M# ON THE MATERIAL	<u>Y</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6  
 DATE: 15/03/06

PO / BATCH NO.: 27581/M131700

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 6  
 QUANTITY INSPECTED: 6  
 QUANTITY REJECTED:         

THICKNESS ORDERED: 1.750 X 8.00  
 THICKNESS RECEIVED: 1.750 X 8.00  
 SHEET SIZE ORDERED:           
 SHEET SIZE RECEIVED:         

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>N</u>	
CORRECT FINISH	<u>Y</u>	N	
CORROSION	Y	<u>N</u>	
CORRECT GRAIN DIRECTION	<u>Y</u>	N	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT THICKNESS	<u>Y</u>	N	
PHOTO REQUIRED	Y	<u>N</u>	
CORRECT MATERIAL	<u>Y</u>	N	
CORRECT REF # TO LINK CERT	<u>Y</u>	N	
CORRECT MATERIAL IDENTIFICATION	<u>Y</u>	N	
CORRECT M# ON THE MATERIAL	<u>Y</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>N</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>N</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u> DATE: <u>15/03/06</u>	SIGNED OFF BY: <u>        </u> DATE: <u>        </u>

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6  
 DATE: 15/03/06

PO / BATCH NO.: 27581/4131706

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 12'  
 QUANTITY INSPECTED: 12'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 1.500 X 2.00  
 THICKNESS RECEIVED: 1.50 X 2.00  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>(N)</u>	
CORRECT FINISH	<u>(Y)</u>	N	
CORROSION	Y	<u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u>	N	
CORRECT MATERIAL	<u>(Y)</u>	N	
CORRECT THICKNESS	<u>(Y)</u>	N	
PHOTO REQUIRED	Y	<u>(N)</u>	
CORRECT MATERIAL	<u>(Y)</u>	N	
CORRECT REF # TO LINK CERT	<u>(Y)</u>	N	
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u>	N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6  
 DATE: 15/03/06

PO / BATCH NO.: 27581/14131706

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 4'  
 QUANTITY INSPECTED: 4'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 4.50X4.50  
 THICKNESS RECEIVED: 4.50X4.50  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

<b>QC 18 INSPECTION</b>	<b>ENGINEERING SIGNOFF (if required)</b>
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6  
DATE: 15/03/06

PO / BATCH NO.: 27581/M131700

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 12'  
QUANTITY INSPECTED: 12'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 4.50 RDBAD 3.00  
THICKNESS RECEIVED: RD 3.00  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061-T6  
 DATE: 15/03/06

PO / BATCH NO: 27581 / M131700

MATERIAL CERT REC'D: yes  
 QUANTITY RECEIVED: 1.2'  
 QUANTITY INSPECTED: 1.2'  
 QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: RD BAR 3.250  
 THICKNESS RECEIVED: 3.250  
 SHEET SIZE ORDERED: \_\_\_\_\_  
 SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M60-LT6  
DATE: 15/03/06

PO / BATCH NO.: 27581/M131700

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 40'  
QUANTITY INSPECTED: 40'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: 2.00X.125W  
THICKNESS RECEIVED: 2.00X.125W  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>OK</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: A304  
DATE: 15/03/06

PO / BATCH NO.: 27581/4131700

MATERIAL CERT REC'D: 256.45  
QUANTITY RECEIVED: 256  
QUANTITY INSPECTED: 256  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: .050  
THICKNESS RECEIVED: .050  
SHEET SIZE ORDERED: 4x8  
SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AK</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M.304  
DATE: 15/03/06

PO / BATCH NO.: 27581 / 1131700

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 240'  
QUANTITY INSPECTED: 240'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: .040  
THICKNESS RECEIVED: .040  
SHEET SIZE ORDERED: 4x10  
SHEET SIZE RECEIVED: 4x10

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



## MATERIAL RECEIPT INSPECTION FORM

MATERIAL: Al6061-T6  
DATE: 15/03/06

PO / BATCH NO.: 27881/07137706

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 6'  
QUANTITY INSPECTED: 6'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: RD BAR 3.50  
THICKNESS RECEIVED: 3.50  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	SIGNED OFF BY: _____
DATE: <u>15/03/06</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO27581**

Purchase Order Date 2/26/2015

PO Print Date 2/27/2015

Page Number 1 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

REVISED

Contact Name  
Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6B0.500X10.000	6061-T6 Bar .500 x 10.00	3/6/2015 Yes 3/6/2015		24.00 f	\$14.25	\$342.00
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							Line Total: \$342.00
2	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	3/6/2015 Yes 3/6/2015		24.00 f	\$3.50	\$83.90
MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221							Line Total: \$83.90

15/03/14  
54

Note:

2/27/2015





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO27581**

Purchase Order Date 2/26/2015

PO Print Date 2/27/2015

Page Number 2 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

3	M6061T6B0.750X08.000	6061-T6 BAR .750" X 8.00"	3/6/2015	6.00	\$22.05	\$132.30
			Yes	f		
			3/6/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$132.30

4	M6061T6B1.500X02.000	6061-T6 Bar 1.50 x 2.00	3/6/2015	12.00	\$8.40	\$100.80
			Yes	f		
			3/6/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$100.80

Note:

2/27/2015





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## PURCHASE ORDER

Purchase Order ID **PO27581**

Purchase Order Date 2/26/2015

PO Print Date 2/27/2015

Page Number 3 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

5	M6061T6B4.500X4.500	6061-T6 Aluminum Bar 4.500" X 4.500"	3/6/2015	4.00	\$58.80	\$235.20
			No 3/6/2015	f		

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR  
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116  
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR  
ASTM B221

Line Total: \$235.20

6	M6061T6R3.000	6061-T6 RD BAR 3.000"	3/6/2015 FN	12.00	\$21.25	\$255.00
			Yes 3/6/2015	f		

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQA-225/8 OR AMS 4117/4128/4115/4116  
OR ASTM B211 OR ASTM B221

Line Total: \$255.00

7	M6061T6R3.250	6061-T6 RD BAR 3.250"	3/6/2015	12.00	\$23.90	\$286.80
			Yes 3/6/2015	f		

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQA-225/8 OR AMS 4117/4128/4115/4116  
OR ASTM B211 OR ASTM B221

15/3/4  
510

Note:

2/27/2015





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## PURCHASE ORDER

Purchase Order ID **PO27581**

Purchase Order Date 2/26/2015

PO Print Date 2/27/2015

Page Number 4 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name  
Vendor Phone 905 669 9444  
  
Ship To Contact  
Ship To Phone  
Ship Via: VENDOR'S TRUCK  
Ship Acct:

Buyer  
Customer POID  
Customer Tax # 10127-2607  
Terms Net 30  
Currency CAD  
FOB FCA - (Free Carrier)

						Line Total:	\$286.80
8	M6061T6T2.00W0.125	6061T6 RD TUBE 2.00 X.125W	3/6/2015 Yes 3/6/2015	40.00	f	\$2.30	\$92.00
MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241						Line Total:	\$92.00
9	M304S18GA	304/316 .050 Sheet	3/6/2015 Yes 3/6/2015	256.00	sf	\$4.03	\$1,032.40
MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240						Line Total:	\$1,032.40

Note:

2/27/2015





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## PURCHASE ORDER

Purchase Order ID **PO27581**

Purchase Order Date 2/26/2015

PO Print Date 2/27/2015

Page Number 5 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Contact Name

Vendor Phone 905 669 9444

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

10	M304S20GA	304/316 .040 Sheet	3/6/2015	240. 192.00	\$3.33	\$639.00
			Yes	sf		
			3/6/2015			

MATERIAL: AISI 304/316 SS SHEET ANNEALED  
AS PER MIL-S-5059 OR AMS 5513 (304)  
OR AMS 5524 (316) OR ASTM A240 OR  
ASME SA240

Line Total: \$639.00

11	M6061T6R3.500	6061 RD bar 3.50	3/6/2015	6.00	\$30.25	\$181.50
			Yes	f		
			3/6/2015			

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR  
AS PER QQ-A-225/8 OR AMS-QQA-225/8 OR AMS 4117/4128/4115/4116  
OR ASTM B211 OR ASTM B221

Line Total: \$181.50

12	71500-11	303 ROUND BAR 0.250	3/6/2015	12.00	\$2.50	\$30.00
			Yes	Each		
			3/6/2015			

15/63/4  
54

Line Total: \$30.00

Note:

2/27/2015





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## PURCHASE ORDER

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Purchase Order Date 2/26/2015

PO Print Date 2/27/2015

Page Number 6 of 6

Order From : VC-COP001  
THYSSENKRUPP MATERIALS CA LTD  
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"  
TORONTO, ON M5W 5V8  
CA

Ship To : DART AEROSPACE LTD  
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CANADA

Contact Name

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Ship Via: VENDOR'S TRUCK

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Buyer

Chantal Lavoie

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Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

13	71401-45	PROCUREMENT QUALITY CLAUSES	3/6/2015	1.00	\$0.00	\$0.00
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No

3/6/2015

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total: \$0.00

PO Total: \$3,410.90

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Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

Change Nbr: 3

Change Date: 2/27/2015